

Material Test Report



Geotechnics | Environment | Groundwater

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Accredited for compliance with ISO/IEC 17025 - Testing



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NATA Accredited Laboratory Number: 828

Report Number: 681704.00-14
Issue Number: 1
Date Issued: 29/07/2020
Client: Roberts Bros Pty Ltd
 123 Cooroy Belli Creek Road, Cooroy 4563
Contact: David Roberts
Project Number: 681704.00
Project Name: Proposed Subdivision
Project Location: Greendale, Stage 4, Pie Creek
Work Request: 9958
Date Sampled: 21/07/2020
Dates Tested: 21/07/2020 - 24/07/2020
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Hilf Density Ratio
Lot Number: 121
Material Source: Onsite

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-9958A	SS-9958B	
Date Tested	21/07/2020	21/07/2020	
Time Tested	11:45	11:55	
Test Request #/Location	Bulk Earthworks - Lot 121	Bulk Earthworks - Lot 121	
Easting	462057	462047	
Northing	7096610	7096608	
Elevation (m)	2.5 < F.L.	1.0 < F.L.	
Soil Description	Sandy Clay	Sandy Clay	
Test Depth (mm)	150	150	
Sieve used to determine oversize (mm)	19.0	19.0	
Percentage of Wet Oversize (%)	0.0	0.0	
Field Wet Density (FWD) t/m ³	1.95	2.00	
Field Dry Density (FDD) t/m ³	**	**	
Peak Converted Wet Density t/m ³	2.01	2.00	
Adjusted Peak Converted Wet Density t/m ³	**	**	
Moisture Variation (Wv) %	-0.5	0.0	
Adjusted Moisture Variation %	**	**	
Hilf Density Ratio (%)	97.0	100.0	
Compaction Method	Standard	Standard	

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC